

PTO/SB/08a (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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<i>Complete if Known</i>	
Application Number	10/531,301
Filing Date	April 14, 2005
First Named Inventor	Armon NEUFELD et al
Art Unit	2862
Examiner Name	N/A
Attorney Docket Number	29490

Sheet

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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	<i>Caris Anna</i>	Date Considered	1/07
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Translation is attached.
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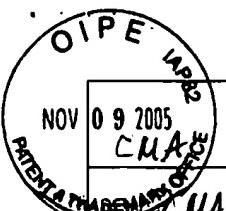
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Group Art Unit	2862
Examiner Name	N/A

Sheet	Of	Attorney Docket Number
		29490
		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.
L.U.A.	8	Edelstein "Radiofrequency System and coils for MRI and MRS", Methods in Biomedical Magnetic Resonance Imaging and Spectroscopy, 1: 135-157.
	09	Belohrad et al. "Saddle Coil for MRI", P.1-4.
	10	Doty et al. "Practical Aspects of Birdcage Coils", Journal of Magnetic Resonance, 138: 144-154, 1999.
	11	Doty et al. "Error-Tolerant RF Litz Coils for NMR/MRI", Journal of Magnetic Resonance, 140: 17-31, 1999.
	12	Riauka et al. "A Numerical Approach to Non-Circular Birdcage RF Coil Optimization: Verification With a Fourth-Order Coil", Magnetic Resonance in Medicine, 41: 1180-1188, 1999.
	13	Neufeld et al. "A Novel Imaging Coil - The Two Leg Birdcage(??) Bipod?? Dipole?? Boxer??", The Tel Aviv University School of Chemistry, P.1-5.
	14	Kost et al. "A Cylindrical-Window NMR Probe With Extended Tuning Range for Studies of the Developing Heart", Journal of Magnetic Resonance, 82: 238-252, 1989.
	15	Martens et al. "Conformal Mapping Analyses of Microstrip Circular and Elliptical Cross-Sections", IEEE Transactions on Microwave Theory and Techniques, 40(9): 1836-1840, 1992.
	16	Forbes et al. "Determining Current Distributions for RF Resonators in Magnetic Resonance Imaging", Meas. Sci. Technol., 6: 284-292, 1995.
	17	Doty et al. "Copper-Clad Compensated Wire and Foil", P.148-154.
	18	Schneider et al. "Slotted Tube Resonator: A New NMR Probe Head at High Observing Frequencies", Rev. Sci. Instrum., 48(1): 68-73, 1977.
	19	Carlson "Currents and Fields of Thin Conductors in RF Saddle Coils", Magnetic Resonance in Medicine, 3: 778-790, 1986.
	20	Hammer et al. "Design of a ¹³ C{ ¹ H} RF Probe for Monitoring the In Vivo Metabolism of [¹ - ¹³ C] Glucose in Primate Brain", Magnetic Resonance in Medicine, 13: 1-5, 1990.
	21	Hong et al. "Whole Body Slotted Tube Resonator (STR) for Proton NMR Imaging at 2.0 Tesla", Magnetic Resonance Imaging, 5: 239-243, 1987.
	22	Bobroff et al. "Variations on the Slotted-Tube Resonator: Rectangular and Elliptical Coils", Magnetic Resonance Imaging, 17(5): 783-789, 1999.
	23	Leroy-Willig et al. "The Slotted Cylinder. An Inductive Structure for NMR Imaging", Abstracts: Second Annual Meeting, P.193-194.
	24	Schneider et al. "Crossed Slotted Tube Resonator (CSTR) - A New Double Resonance NMR Probehead", Rev. Sci. Instrum., 48(7): 832-833, 1977.
	25	Sphicopoulos et al. "Slotted Tube Cavity: A Compact Resonator With Empty Core", IEE Proceedings, 134(Pt.H, 5): 405-410, 1987.
	26	Murphy et al. "A Comparison of Three Radiofrequency Coils for NMR Studies of Conductive Samples", Magnetic Resonance in Medicine, 12: 382-389, 1989.
	27	Barfuss et al. "In Vivo Magnetic Resonance Imaging and Spectroscopy of Humans With a 4T Whole-Body Magnet", NMR in Biomedicine, 3(1): 31-45, 1990.
	28	Alderman et al. "An Efficient Decoupler Coil Design Which Reduces Heating in Conductive Samples in Superconducting Spectrometers", Journal of Magnetic Resonance, 36: 447-451, 1979.
	29	Crozier et al. "In Vivo Localized ¹ H NMR Spectroscopy at 11.7 Tesla", Journal of Magnetic Resonance, 94: 123-132, 1991.



NOV 09 2005 CMA LMA	30	Duerr et al. "Novel Electromagnetic Field Probes With Ultrasonic Transmission Lines for Field Measurements With Minimum Interaction", Rev.Sci. Instrum., 61(2): 859-864, 1990.	
LMA	31	Samaratunga et al. "Resonator Coils for Magnetic Resonance Imaging at 6 MHz", Med. Phys., 15(2): 235-240, 1988.	
LMA	32	Cross et al. "Radiofrequency Resonators for High-Field Imaging and Double-Resonance Spectroscopy", Journal of Magnetic Resonance, 62: 87-98, 1985.	

Signature	<i>James Anna</i>	Considered	1/07
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